

(11) Publication number: **2001245**

Generated Document.

**PATENT ABSTRACTS OF JAPAN**(21) Application number: **2000054495**(51) Intl. Cl.: **H04R 25/00 H04R 7/04**(22) Application date: **29.02.00**

(30) Priority: (43) Date of application publication: <b>07.09.01</b> (84) Designated contracting states:	(71) Applicant: <b>STAR MICRONICS CO LTD</b> (72) Inventor: <b>URUSHIBATA KIYOSHI</b> <b>YAMADA HIROMI</b> <b>FUJINAMI HIROSHI</b> (74) Representative:
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**(54) ELECTROACOUSTIC TRANSDUCER****(57) Abstract:**

**PROBLEM TO BE SOLVED:** To provide an electroacoustic transducer that has a proper sound pressure frequency characteristics by easily managing an aperture area of a vent hole.

**SOLUTION:** A diaphragm unit section 3 has a diaphragm frame 51, a diaphragm 52 and a resin film 53. The diaphragm 52 is placed in the diaphragm frame 51. The resin film 53 is fixed to the diaphragm frame 51 and the diaphragm 52 to support the diaphragm 52 with respect to the diaphragm frame 51 in a vibration enabled way. A hole 55 is formed to a plane of the diaphragm 52 to which the resin film 53 is fixed. The resin film 53 covers the hole 55 of the diaphragm 52 and a vent hole 57 is formed to a part of the resin film 53 corresponding to the hole 55.

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